Enterprises, UE

MIDI Converter Ver.-1.30

Generator Wat 130 LA Enterprises, Ltd.

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PRELIMINARY VERSION

PROPERTY OF SEGA

MAN-01-0-040812 MOI Converier Ver. 1.30

Introductio

The Midd Convertor operands standard MIDI files, prepared using Tone Editor SIX, 100 SIX Sound Streathers date files occording to the date format for SIPER SIX sound drawns. These are these types of Midd Convertor.

MaddResSIX
This peckage converts a given standard MIDI file anto a binary file for use with the ICSM.
The converted file can be used as sequence data for the 32X Sound Senataro.

Sec. OF SEASON. THE SEASON SEA

OCT ON

FMp Track 5 Tree.

1. Midi2Bin32X

1 «Creating BCM dates

As a first step, create a standard MIDI file for the SGM

- Setting a loop

Carata the data that can be removed religion using the Tone Edition. Since the Save standard MIDI files in Former 1

Use the following fould tracks for the somerour, lesving urrased chargeds as

Treck 1

(A temporary trick a support tips by created before Track 1.) Note: Allocate a PCM track for each PCM channel used. Delete sery unused tracks. If PCM is not used, Track 1 becauses FM1 Note: When using an I'M DRUM KIT, he gave to use an FM6 track Note: Fe sure to allocate except tracks for the data to be created Note: He were to charge the customers note more below

MAR-91-C-040003 MCR Convertor Von LISC SDSA Errorgroups, Chil

	Control Number	Paperwise
Beginning of a loop		
Ent of a loce	н	- 65
- Setting the Quound		

Use a control change to specify the on/off actions for the Quoud-

	Control Number	Payaneter
Dreamd on	29	A value from 0 through 63
Quount of	29	A value from 64 through 123
		100

Use a control change purepot to specify a pure-pot for the Os (Use the sequencer's purepot control as as)

Note. Using the Oscard requires a separate sub-lagues agreement and cound driver specific for the Quantal

2. «Crowing data using the Tone Editor, IDX».

I CURRING SERI SAME, we were supported by the crossing a MIDE secting file. To create this file, complete the MIDE sering Process using the Trees Editor. SEX and save the results. When using several table, except a file for the table. The table value should be 64 or less.

When a velocity table is used, a maximum velocity value of 120 can be siftened in the sequencer. For other infocusy types, Voneyer, the monotone electrode velocity is progressed to 6. For deaths on the MIDS setting and velocity tables, see the Tone Editor(3)X Morrael.

Double-bid on MIDCENSEX. Perform the conversion process by following the guidance information that is displayed on the econo-



- Selectory a file



- Selecting a sequencer



When conting a standard MIDI file, specify whether Notator LOGAC of another sequencer is used (see "Creating BGM Data")



- Specifying the number of PCM charryla



Specify the mamber of PCM channels in which PCM wall i

Nane - None Morio .. One chiconel Poly .. Two diameis

Note that warrang the number of PCM change but it

- Selecting a data file

YES Add the billowing fee each owen of man

Table envelope date

NO. Use one file for each type of date

Normally, select the NO option

* When using the System Exclusive, save the MIDI channel for all tracks for the sequencer by setting the MEH channel to I (thus creating a standard MEH

MET COMMENT No. 170

(Se) If this condition as not met, the System Euclaseve seperates into another

Ale. If musical scale data and program changes exist at the same time, the cruscal scale data always floats to the top, and this causes delta time to be 0

* When young Notator LOCIC be once that a blank snare (to be distinguished from the pause note [KYULUFU - UNKNOWN TERM - "PAUSE NOTE IS AN UNEDUCATED GUESSI is not inserted at the beganning of the score When the standard MIDS file to converted, the track at which a black score corners in automatically massed to the hospitative of the recore. Be seen that

change or a control change to users diameter due in those fractional a track in completely erapty, the track paract be agreed when a stunderd MEDI fale (SMF) is saved, thus causing the track seture to be restalguish-* The Mids Converter does not support the following Carerol Change for the

Tone Editor 32X

* The Mids Convertor does not support the following System Exclusive for · Sound effect mode setting - Direct manufaction of FM around watere

Deterring specification in usets of dead

* Control changes are described in the section

2. SeConv32X

As a first rise, create a standard MIDI file for the SE.

Courte the data that can be recovery related more the Tone Editor. Security, Save standard MIDI files in Format 1

The sequencer allocates tracks for the number of channels to be used. In contrast to the BCM omorouse, the semener deep net used fixed channels

2. «Creating data using the Tone Editor SEX»

As the next step, use the Tone Editor 32X to create a MEDI seeing life, so in the

The SeCony32X conversion procedure largely parellels the Mail 28 o 22X convention procedure. The following describes such these name of the convenien procedure that differ from the Midd 20

· Setting the channel to be used APPEL SELECT 1083

Select the channel to be ellocated, businesing with track 1 of the sensences. The divide but disappears when the required number of tracks has been



Determining the promity



On this shalog low, solect the priority for the sound effect. Priority is spenfed using a decired number 0 through 205. The larger the value, the higher the priority.

Note:

See the notes on MIDIZBINIZX



MAR-61-C-040933 MGs Gennerter Weg 1 30

a. Midi2Txt32X

1 «Creating BGM deter-

As in the case of Mid(28in/2X, means a standard MID) file. The receiver of tracks should not be charged according to the number of PCM chancels used.

2. «Creating data using the Toric Editor 32X-Crosse data as in the case of Mids2Bin30X

1 Double-chek on Msd/Pav27X

2. When a dialog but appears, select the requency in which a street and MIDE 1. When more the MIDI writers his for the Tone Editor 123 House the Tierr Preferences" item in the 'Setting' mores har-4. Select the desired file recording to the gratruitsons gives at the disloy has

See the section on Mid (78) (32) completed

Note

MIDI Data Format Tables

The MIDI data files processed by the MIDI convenue are inherited from the Time Editor SXY. Thus, pedicious control of MIDI on the Time Editor SXY can reprise according duality. The Globwing describes the correll changes and the MIDI immate that one he interpolated using the Time Editor XXX and that can be benefited to the production of a sound program using a sequence with the production of a sound program using a sequence.

MIDI Message

		Comment
São Sax Boy	O Note of	Nate of whosty spaces
Stee Sun Byy	O Note on	Votosey & non- off
SAN Soc Sys	X. Polyphonic key pressure	
SOn Sex Syy	O Control change	See table
SO: So: Eg	O Program charge	Crity FMPSC a rend
501.5xt.5w	X. Channel pressure	
Es Sec Sys	O Miteel change	Only FM.P9G a velid.
\$53\$57	O. System Cuchasse	Sec Table
griugre	X. Healtree mossage	The Name
251-25F	X. System realine message	N. com

~ 0

Message	Fuector	
90n 901 9ax	Table varies ar/of	DI OFF-800-85F
85h 855 8hx	Sets porturnento time et xxx50 secondo	Transparent to onlot
Sign SCA Sex	Parced hald for PMPWM/Geouse)	For an FM sound source - 500-529 left, 556-5579 5071, 52A-564 center
	Transcose (CMBIAS)	Helfone years (co-940)
\$6e \$11 Sex		
	Relative shapper volume	
58n 513 50e	Specifies the FM sound hard tource UFO apped	x: \$00 \$07
881 516 50x	Specifies the PM sound source have LPO AME	When the bit N=1 of x is 1. the AME of the operation is on, otherwise, if is till
590 S17 S04	Specifies the PM sound scarre here! PO 6805	* 530,600
53n 614 50x	Specifies the Fill sound source hand UPO Phills	x 300-907
59n 519 50s	Specifits the PM sound Warrin hard LFG DNIDST	NE OFFICEOUSE
55n 51A 50x	PM sound rounds interequally change of sone Object?	When the be Null of a bill, the Affectouch shangs of size for the operator N is on otherwise, (is off
801 173 Set	TFWg solling	Defined as Prospect by project beau
\$90.510.50x	PRA news works salting	
5/5n 51/0 See	G Sound onligh	ORGANI-LIE
\$80 811 Sec	Poterson's ought	XX OFF-S90-SSF
55n 550 Sec	Detuning Strate (suitety)N. (The water of N depends on the MCI sectors
100 179 100	She following firms are aspert followed Control Onkines and transpooring Vendor, PVII, gato- paring and vision made and in Count offset made and	This are are provinces reprint data colony, they alread not be used in muco proper.
250 F/R \$00	chienci pressure	Same as above

System Exclusive Auto-panning

100 -001 -800 -500 -501 -505 -506 -501 -500 070 070 0800 070 000 000 001 500 000

Throw at MS 280 Ver. 2 Secatole auto, receptors. For details, use the Driver

tenn MIDI Coursel-1 Pan Number

Length Country

Thus as a 32X Ver. 3 0-style sound-effect mode. The following F numbers are

Operator 1 Discretor - SNO v 126 - 510 Operator 2 FNumber = \$h1.x 125 + \$11 Operance 3 FNumber - \$125 v 128 v 512 Operator 4 Fixturelyse - Shippings a \$15 Direct manipulation of an FM sound source

Cris - Enmanter receivery hash robble.

3' \$10 \$10 - \$151 \$13 ere all rate, the sound-affect mode automatically turns off. If there is not non-smo value, the sound-effect made externatively turns

100 - 01 - 00 - 00 000 00 00 - 00 - 01 - 00 - The System Euclistics directly writes into an PM sound source. The officers

or \$4002, respectively, in 290 arbitrages.



5rl Register number, low nibble Selly Write date high robbie 5dl Write data, low nibble

200 - 00 - 0

This is a 32X Ver. 3.0-style PVE. For details, see the Dever Meson).

Sum: MIDI Channel-1 6.bbc Delay, bush rebble Stay, low rabble Signed addition data, high mbble Signed addition data, low pubble

When 5dh-5d are all zero, the FVR externetically faces off. If there is now

non-zero value, the FVR automatically name on

CONTRACTOR LONG LANGUAGE CONTRACTOR

MIDI Channel-i Sets Operated Carl Vancatio Sets Operator 4

The value to be not in aither 500 or 508-50F. If the value is \$60, the SSG-type envelope is off. Otherwise, the indicated SSG-type envelope is set Detuning specification in division ratio units

This parameter sets on SSG-type invelope for an BM sound source

This persenctor essigns a deturning value in division ratio units to either an PM sound source of a PSC around source.

MAR-ET-G-04(49) MCI Desenter Ver 130 800A Extraprises, LIC

State: MIDI Channel -1 Determing value = (Scc*128 + yy) = \$2000 FM nound nounce wow

(\$100.00) | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 | \$100.000 |

Soon: MIDI Chernol-1